

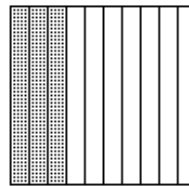
1 Which amount is made of 9 dollars, 2 dimes, and 7 pennies?

- A \$11.07
- B \$9.09
- C \$9.72
- D \$9.27

2 How many pennies are equal to \$0.08?

- A 8 dimes
- B 0 pennies
- C 80 pennies
- D 8 pennies

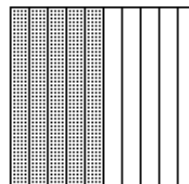
3



What is the word name for the shaded part?

- A three tenths
- B three hundredths
- C three tens
- D three hundreds

4



What number is shown by the shaded part?

- A 0.5
- B 0.05
- C 5
- D 50

- 5 This table shows Hector's scores for six games.

HECTOR'S SCORES	
Game	Score
1	15,986
2	13,539
3	32,562
4	41,376
5	23,765
6	31,450

Suppose Hector plays a seventh game and scores 4,231 more points than he did in Game 4. Find his score for Game 7.

- A 45,507
 - B 45,600
 - C 45,607
 - D 45,610
- 6 Greg spent \$6.36 on a hat, \$34.28 on a sweater, and \$14.17 on a shirt. How much did Greg spend on all three items?
- A \$44.81
 - B \$54.71
 - C \$54.81
 - D \$112.05
- 7 Tito is buying a birthday card for \$3.19. He gives the cashier \$5.00. How much change should he receive?
- A \$1.71
 - B \$1.81
 - C \$1.91
 - D \$2.81

- 8 Evan had 300 books. He donated 221 to the Children's Hospital. How many books does Evan still have?
- A 189
 - B 179
 - C 89
 - D 79
- 9 Michelle wrote a whole number ending in 3 zeros. If she multiplies the number by 10, how many zeros should be in the product?
- A 1
 - B 3
 - C 4
 - D 6
- 10 Find the product of 500 and 7.
- A 35,000
 - B 3,500
 - C 507
 - D 350
- 11 Which is the most reasonable estimate for 4×71 ?
- A 800
 - B 380
 - C 320
 - D 280

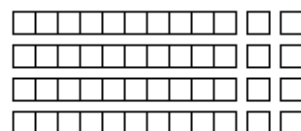
- 12 The table give information about the average number of passengers each hour at five busy U.S. airports.

AIRPORT PASSENGERS	
Airport Name	Number of Passengers Each Hour
Atlanta Hartsfield	8,658
Chicago O'Hare	7,626
Los Angeles	6,966
Dallas/Ft. Worth	6,295
Denver	4,119

ESTIMATE the number of passengers at Chicago O'Hare airport in 4 hours.

- A 32,000
 - B 28,000
 - C 16,000
 - D 8,000
- 13 What are the partial products for 95×6 ?
- A 570 and 30
 - B 54 and 30
 - C 600 and 30
 - D 540 and 30

14



Which number sentence describes this array?

- A 4×10
- B 3×4
- C 4×12
- D 4×30

Decimals and Fractions Review

- 15 If Gayle's class sends 11 letters to friends in Brazil, what is the total cost of sending the letters?

AIR MAIL LETTER RATES (3 oz letters)	
From the U.S. to:	Cost
Australia	\$2.60
Brazil	\$2.30
Switzerland	\$2.40

- A \$23.10
B \$24.20
C \$25.30
D \$26.40
- 16 Kaya saves \$5.25 from her allowance every week for her college fund. How much money has Kaya saved in 52 weeks?
- A \$36.75
B \$273.00
C \$360.00
D \$27,300.00
- 17 Pilar saved the same amount of money each day for 7 days. By the end of that time, she had saved a total of \$0.70. How much money did Pilar save each day?
- A \$0.10
B \$0.11
C \$10
D \$4.90

18

Divide. Check your answer. $6 \overline{) \$3.78}$

- A \$63.00
- B \$6.30
- C \$0.64
- D \$0.63

19 Quillermo cut his orange into 3 pieces. Huy cut his orange into 6 pieces. They each ate an equal amount of their orange. If Quillermo ate 2 pieces or $\frac{2}{3}$ of his orange, how many pieces did Huy eat?

- A 6 pieces
- B 4 pieces
- C 3 pieces
- D 2 pieces

20 Which fraction is NOT equivalent to $\frac{2}{10}$?

- A $\frac{1}{5}$
- B $\frac{8}{40}$
- C $\frac{5}{30}$
- D $\frac{5}{25}$

21 Which fraction is the least?

- A $\frac{1}{4}$
- B $\frac{1}{10}$
- C $\frac{1}{2}$
- D $\frac{1}{8}$

- 22 This table shows the amounts of spices used in a recipe.

Spices
$\frac{1}{2}$ teaspoon paprika
$\frac{1}{4}$ teaspoon oregano
$\frac{5}{8}$ teaspoon salt
$\frac{3}{8}$ teaspoon garlic

Which spice has the greatest amount used in the recipe?

- A paprika
 - B oregano
 - C salt
 - D garlic
- 23 Gomez lives $\frac{1}{2}$ mile from school. He rides the bus to school every morning, but sometimes walks home after school. If Gomez has walked a total of $2\frac{1}{2}$ miles in the last month, how many times has he walked home from school?
- A 3 times
 - B 4 times
 - C 5 times
 - D 6 times

- 24 Which improper fraction does NOT equal a whole number?

- A $\frac{6}{2}$
- B $\frac{9}{3}$
- C $\frac{12}{4}$
- D $\frac{18}{5}$

- 25 Rashid is painting two pictures that require black paint. He needs $\frac{2}{10}$ of a tube for the first painting and $\frac{8}{10}$ of a tube for the second painting. How much black paint does he need?
- A 1 tube
 - B $1\frac{1}{10}$ tube
 - C $\frac{9}{10}$ tube
 - D $\frac{1}{5}$ tube
- 26 Find the sum. $\frac{5}{8} + \frac{1}{8}$
- A $\frac{7}{8}$
 - B $\frac{6}{4}$
 - C $\frac{6}{16}$
 - D $\frac{3}{4}$
- 27 One day, Elizabeth spent $\frac{6}{12}$ hour playing George Gershwin music and $\frac{4}{12}$ hour playing Arthur S. Sullivan music. How much more time did she play Gershwin music than Sullivan music?
- A $\frac{1}{24}$ hour
 - B $\frac{1}{18}$ hour
 - C $\frac{1}{12}$ hour
 - D $\frac{1}{6}$ hour
- 28 $\frac{3}{4}$
Find the difference. Simplify if possible. $\frac{3}{4} - \frac{1}{4}$
- A 1
 - B $\frac{3}{4}$
 - C $\frac{1}{2}$
 - D $\frac{1}{4}$

- 29 Syracuse, NY, has 37.01 inches of precipitation a year. What is this decimal as a mixed number in simplest form?
- A $37\frac{1}{100}$
 - B $37\frac{1}{10}$
 - C $38\frac{1}{100}$
 - D $38\frac{1}{10}$
- 30 A collection of buttons has 100 buttons and 21 of the buttons are blue. Write a fraction and a decimal to show what part of the collection is made up of blue buttons.
- A $\frac{21}{100}$, 0.021
 - B $\frac{21}{1,000}$, 0.021
 - C $\frac{21}{100}$, 0.21
 - D $\frac{21}{10}$, 2.1
- 31 Tell the value of the underlined digit in 168.67.
- A seven tenths
 - B seven hundredths
 - C seven tens
 - D seven ones
- 32 A cheetah can run 70 miles per hour while a three-toed sloth only moves about 0.15 miles per hour. What is 0.15 in word form?
- A fifteen tenths
 - B fifteen tens
 - C fifteen hundredths
 - D fifteen hundred

- 33 The table shows some of the smallest countries in the world.

SMALLEST COUNTRIES (IN SQUARE MILES)	
Country	Square Miles
Monaco	0.75
Nauru	8.11
Tuvalu	10.0
San Marino	23.6
Liechtenstein	62.0
Malta	122.0

Which of these countries is smaller than Tuvalu?

- A Nauru
 - B San Marino
 - C Malta
 - D Liechtenstein
- 34 Which number equals 2.4?
- A 2.44
 - B 2.40
 - C 2.04
 - D 2.0
- 35 Round 5.26 to the nearest tenth.
- A 5
 - B 5.2
 - C 5.3
 - D 5.36

- 36 People living in Italy often live to be 79.2 years old. People living in Rwanda often live only 38.7 years. Round each of these to the nearest whole number.

A 79; 39
B 79; 38
C 78; 39
D 78; 38

- 37 The American colonies grew rapidly in the 1600s. About how much did the population grow between 1630 and 1640?

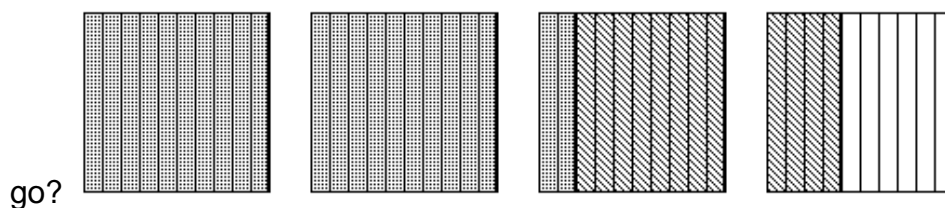
COLONIAL POPULATION	
Year	Population (in thousands)
1610	0.35
1620	2.3
1630	4.6
1640	26.6
1650	50.4
1660	75.1

A 22 thousand
B 31 thousand
C 24 thousand
D 33 thousand

- 38 Estimate $8.8 + 9.9$ by rounding to the nearest whole number.

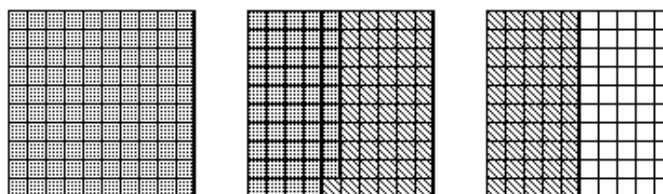
A 20
B 19
C 18
D 17

- 39 Jerome biked 2.2 miles. Then he ran 1.2 miles. How far did Jerome



- A 1 mile
B 2.4 miles
C 3.3 miles
D 3.4 miles

40



Use the grids to help. $1.49 + 1.01$

- A 0.48
B 2.01
C 2.4
D 2.5

- 41 Alma rode 2.3 miles from her home to school and 15.6 miles from school to the library. How much farther did Alma ride from school to the library than from home to school?

- A 1.79 miles
B 13.3 miles
C 14.3 miles
D 17.9 miles

- 42 Find $19.22 + 17.3$.

- A 20.95
B 35.52
C 36.52
D 209.5